

System Architecture

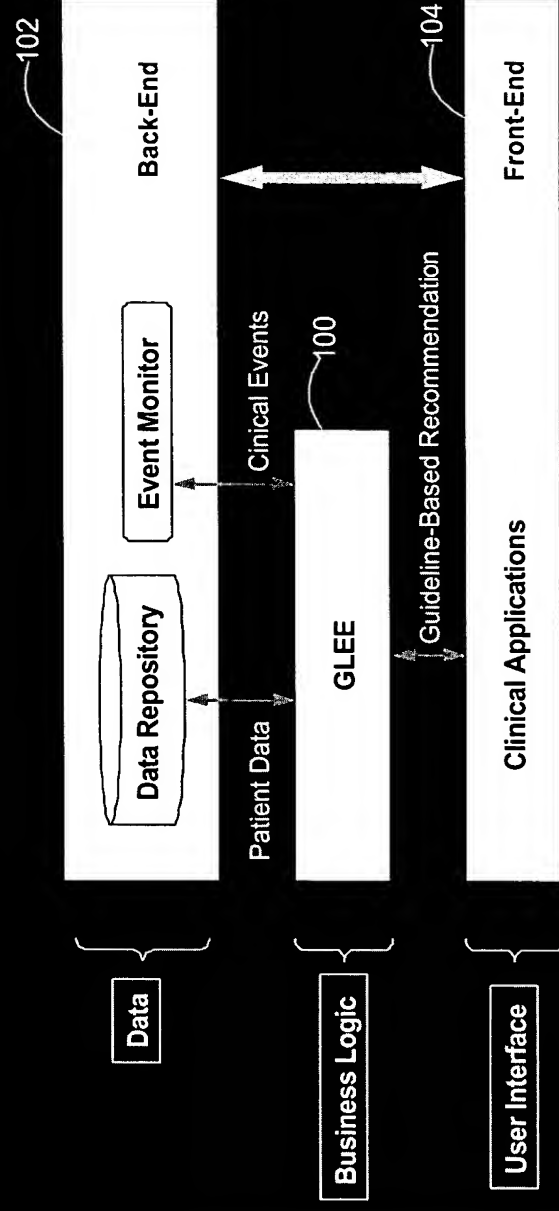


Fig. 1

Internal Structure

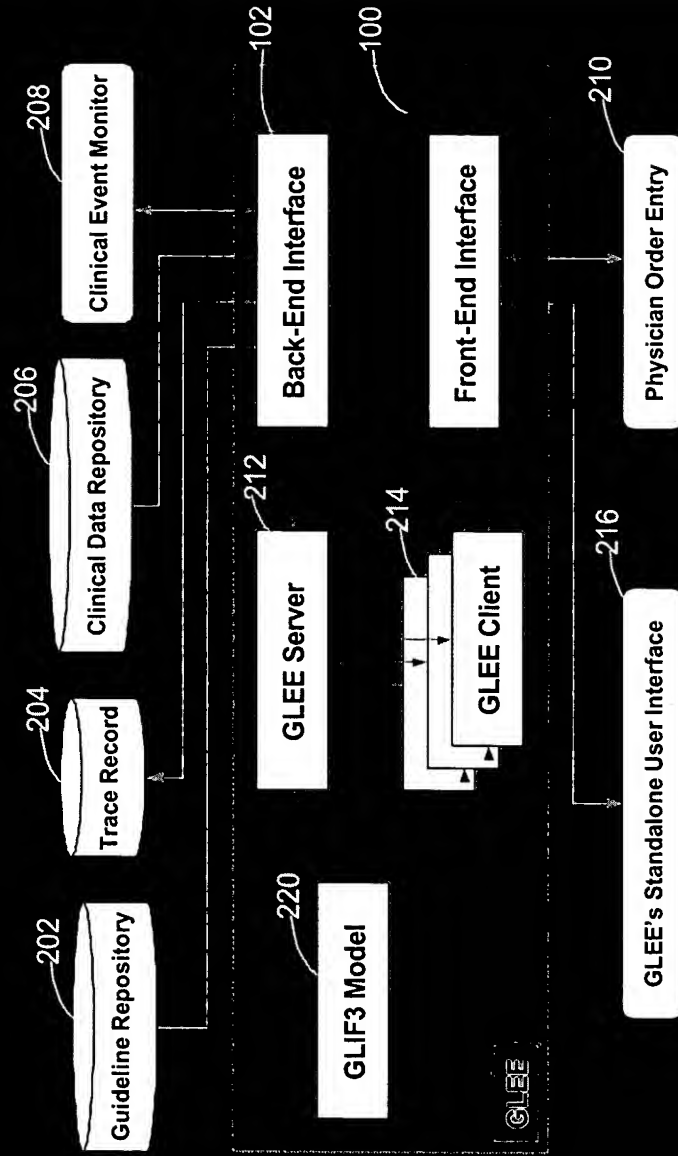


Fig. 2

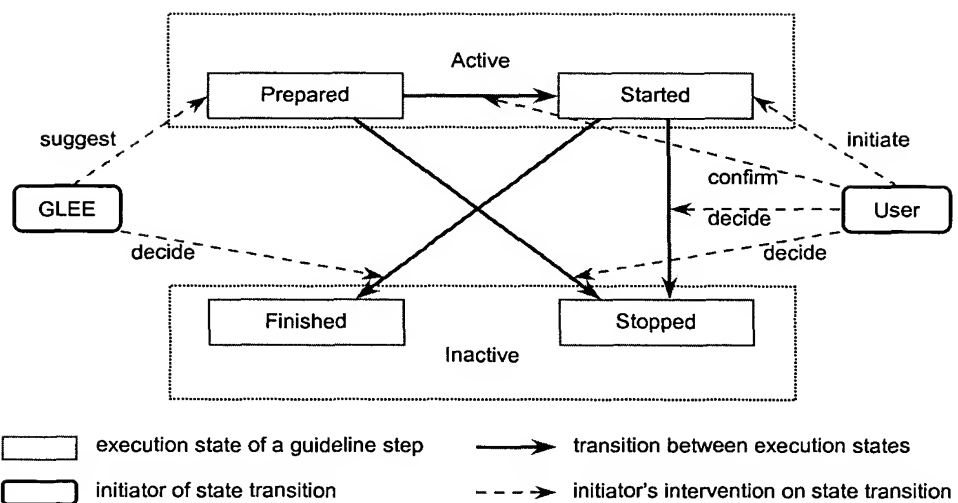


Fig. 3

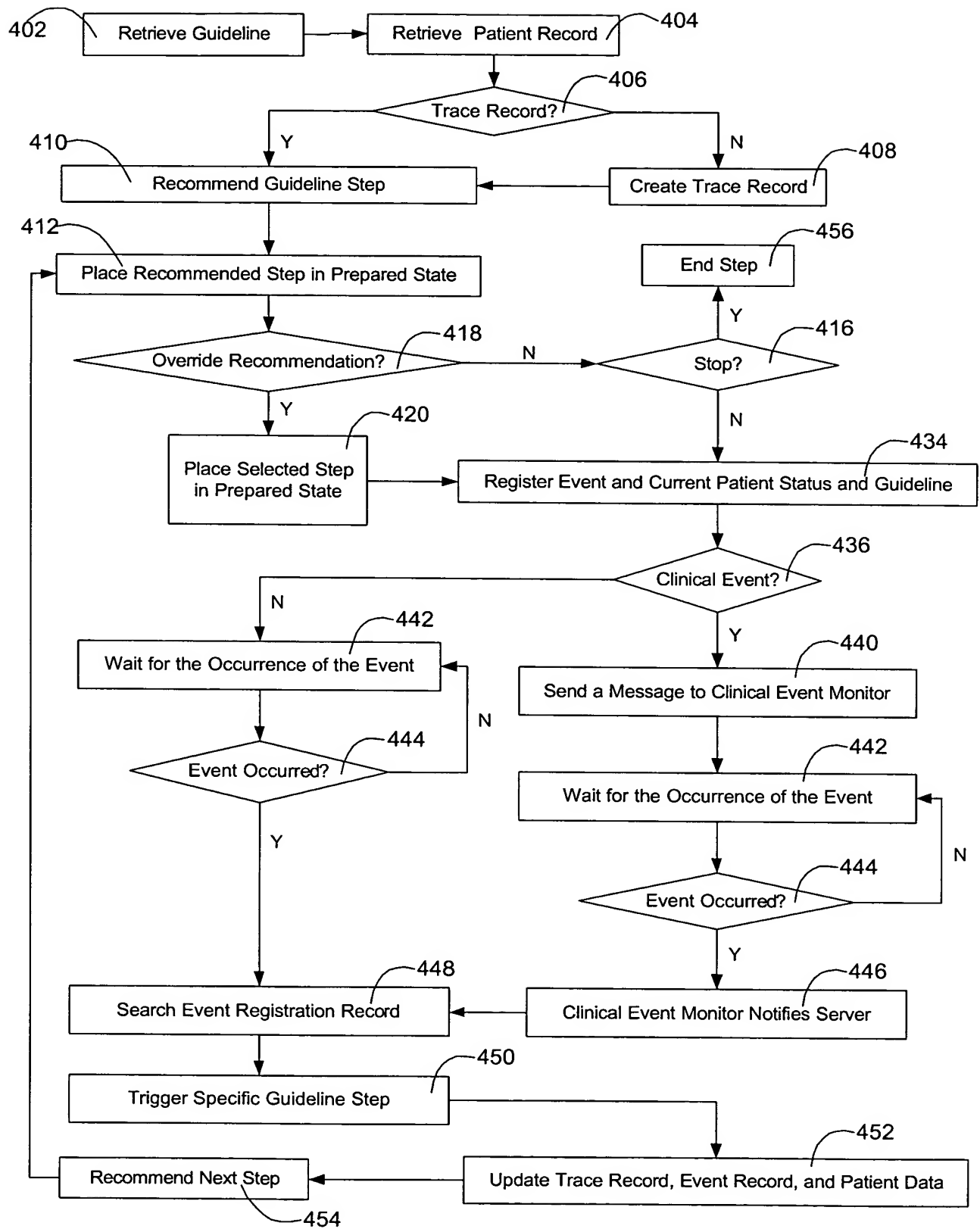


Fig. 4

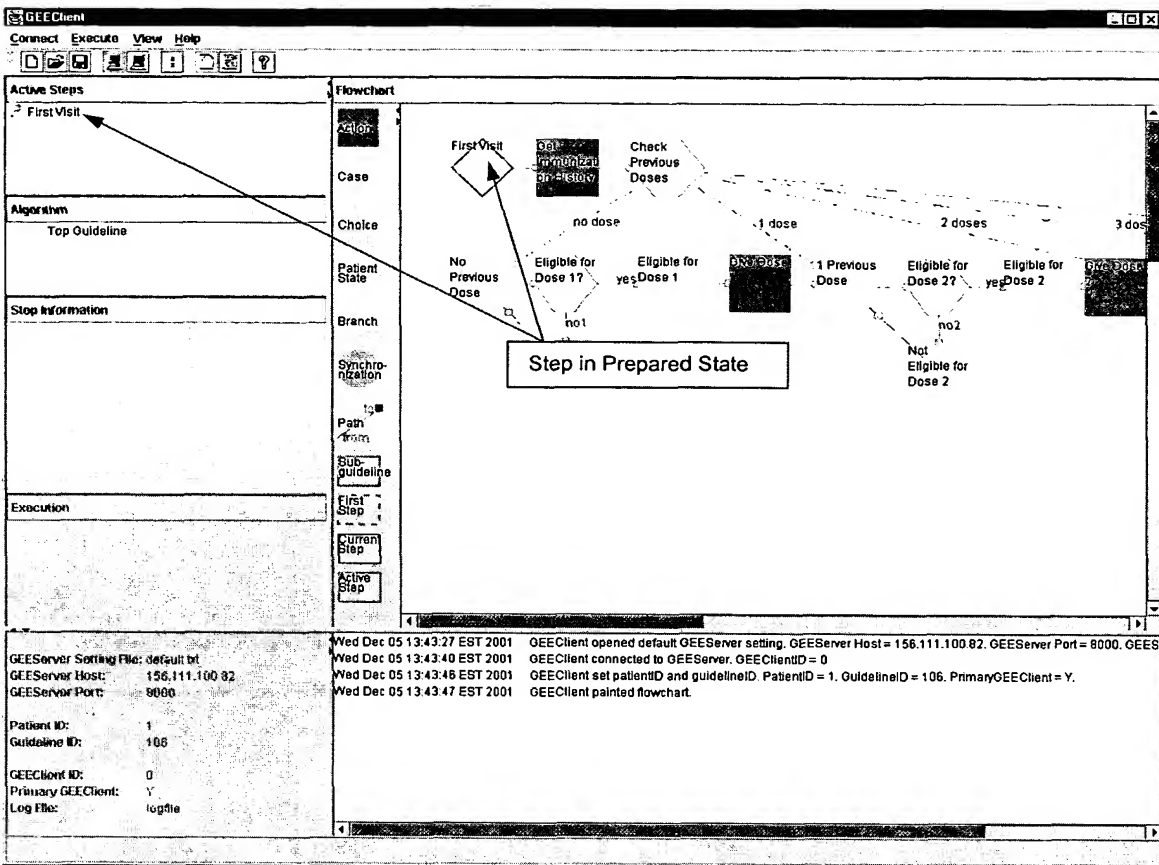


Fig. 5

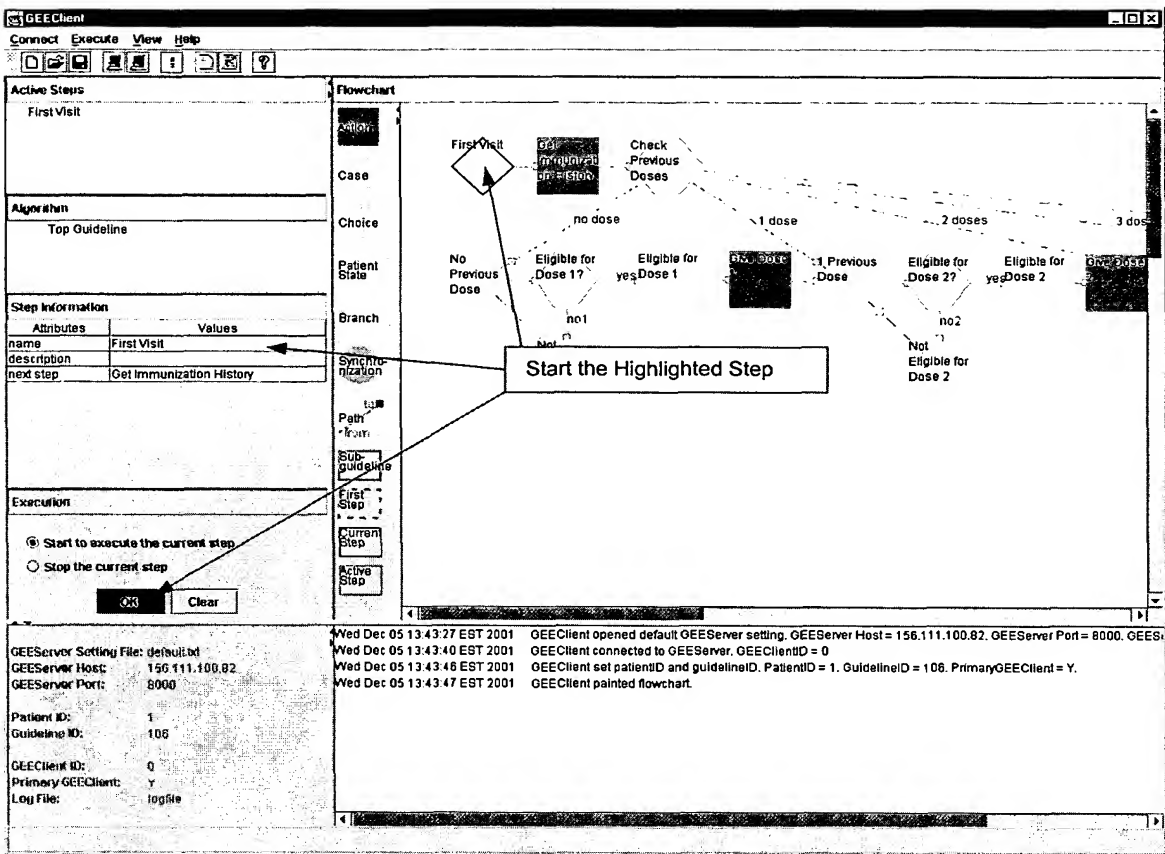


Fig. 6

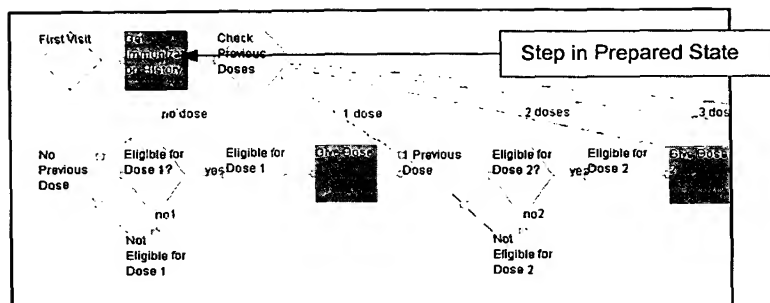


Fig. 7

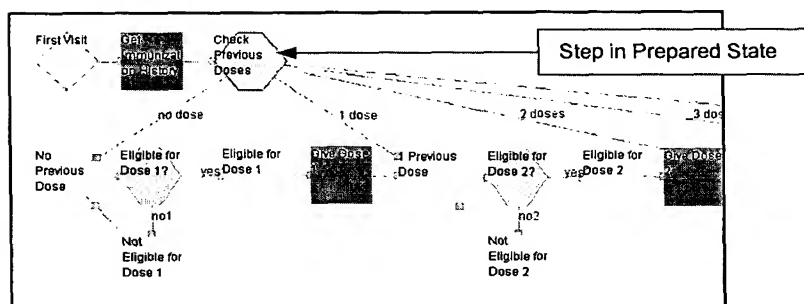


Fig. 8

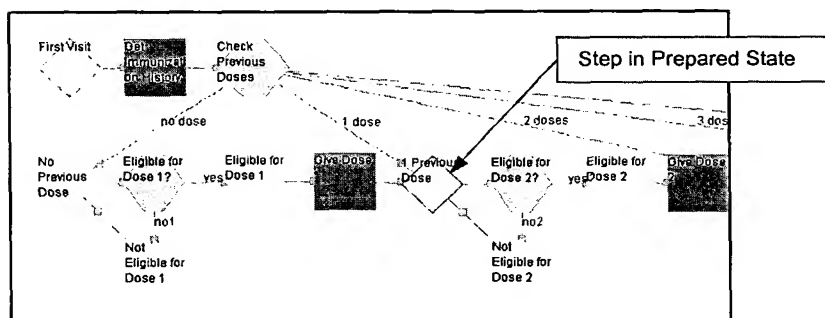


Fig. 9

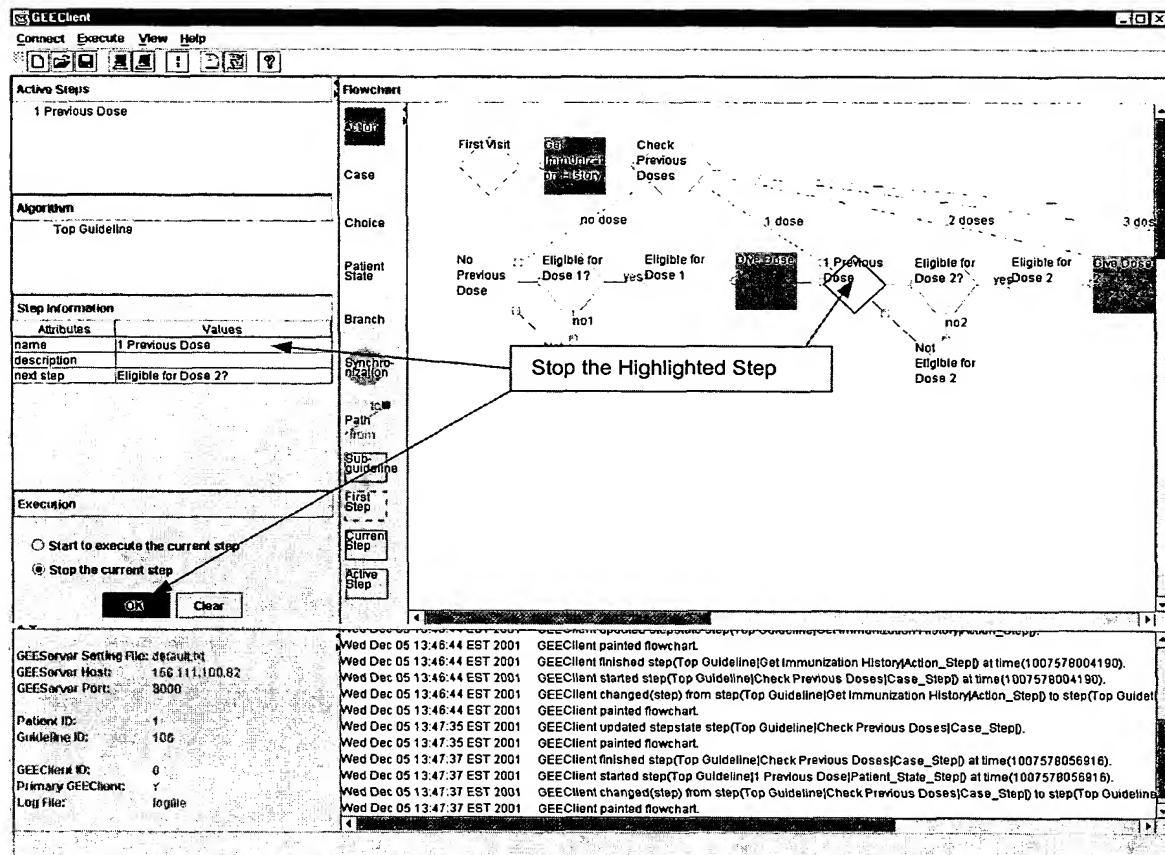


Fig. 10

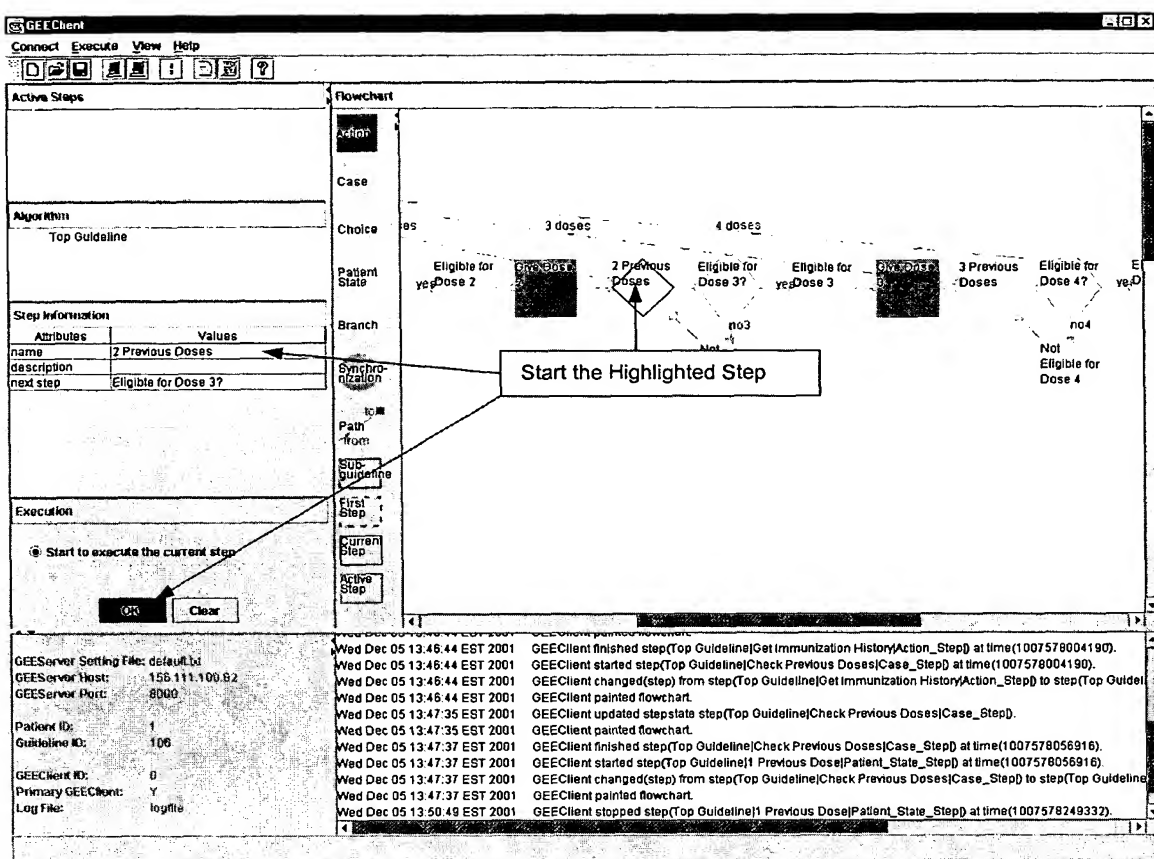


Fig. 11

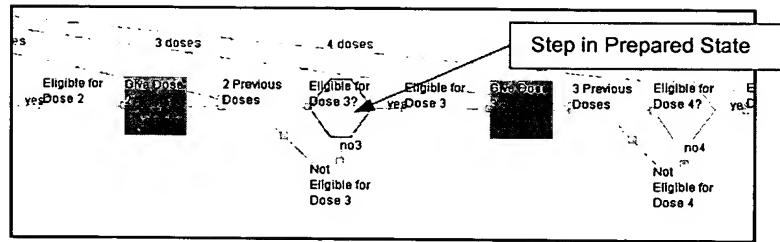


Fig. 12

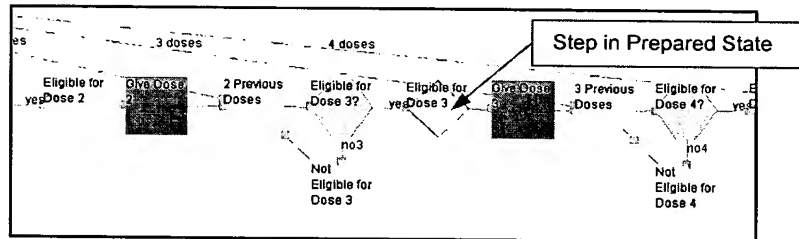


Fig. 13

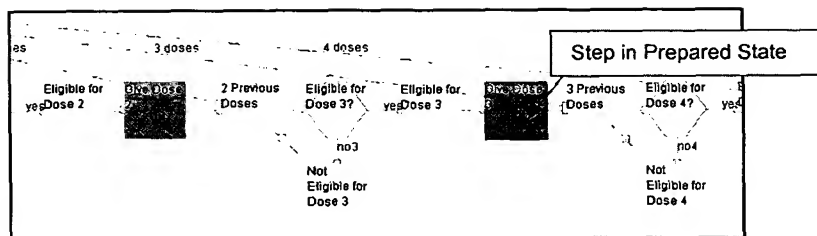


Fig. 14

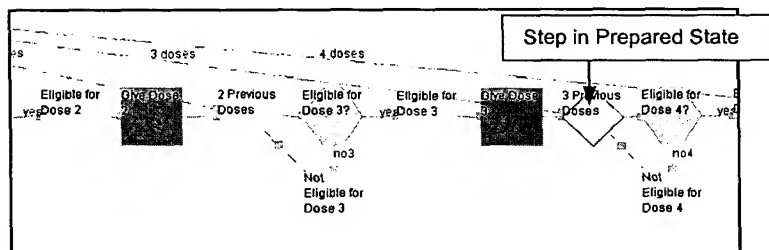


Fig. 15

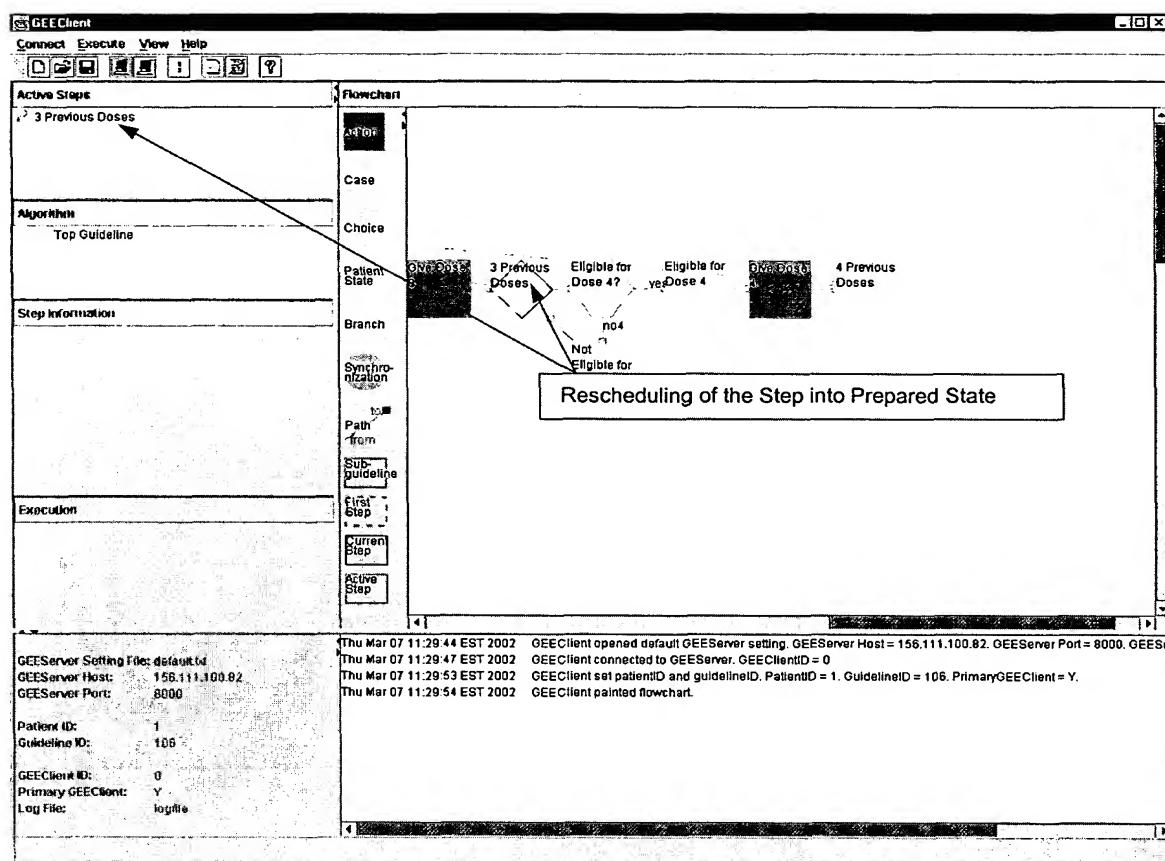


Fig. 16

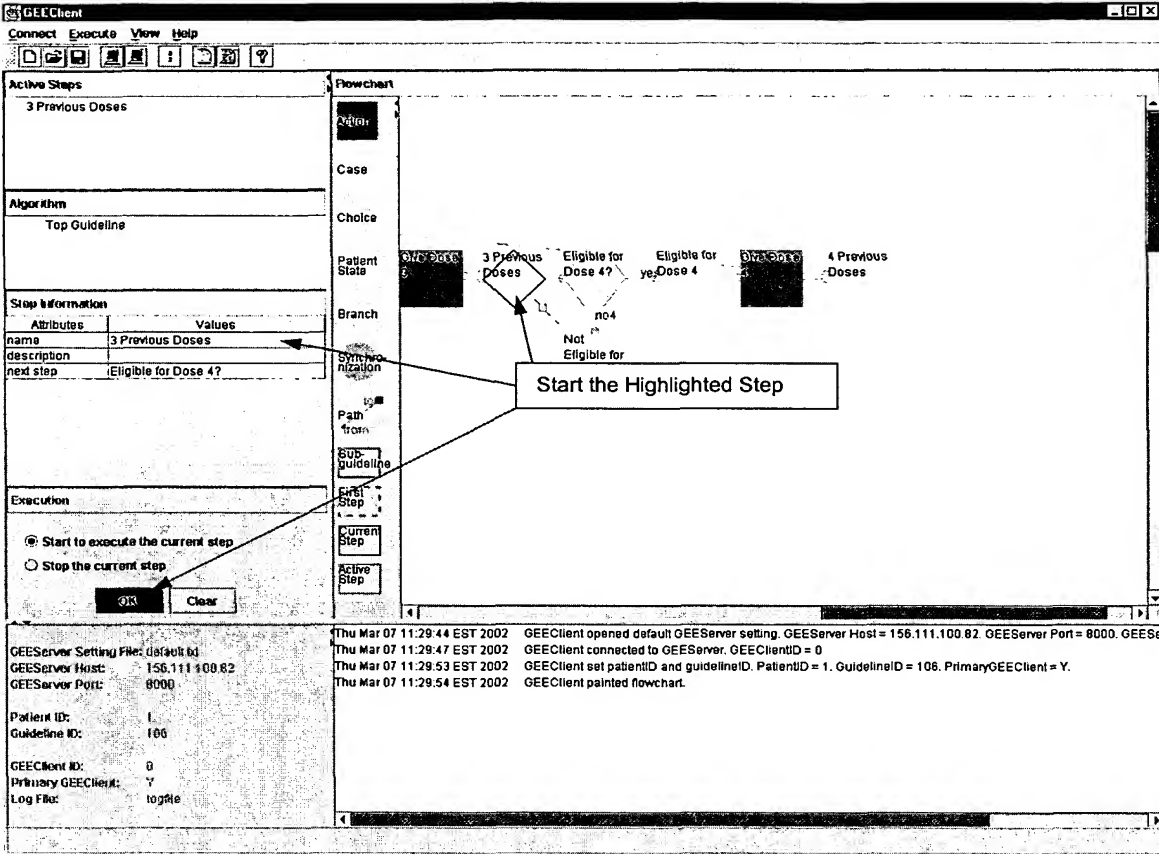


Fig. 17

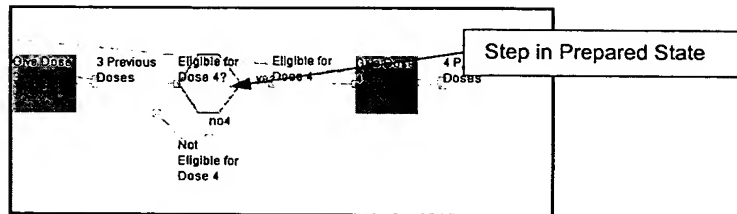


Fig. 18

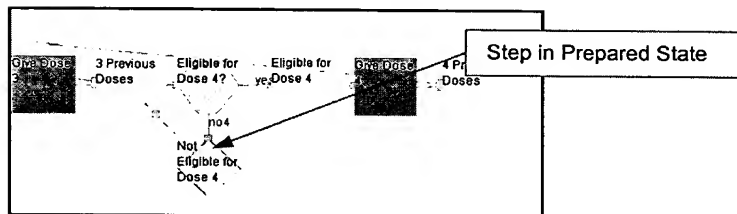


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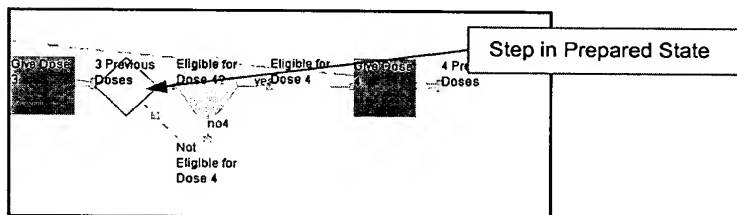


Fig. 20

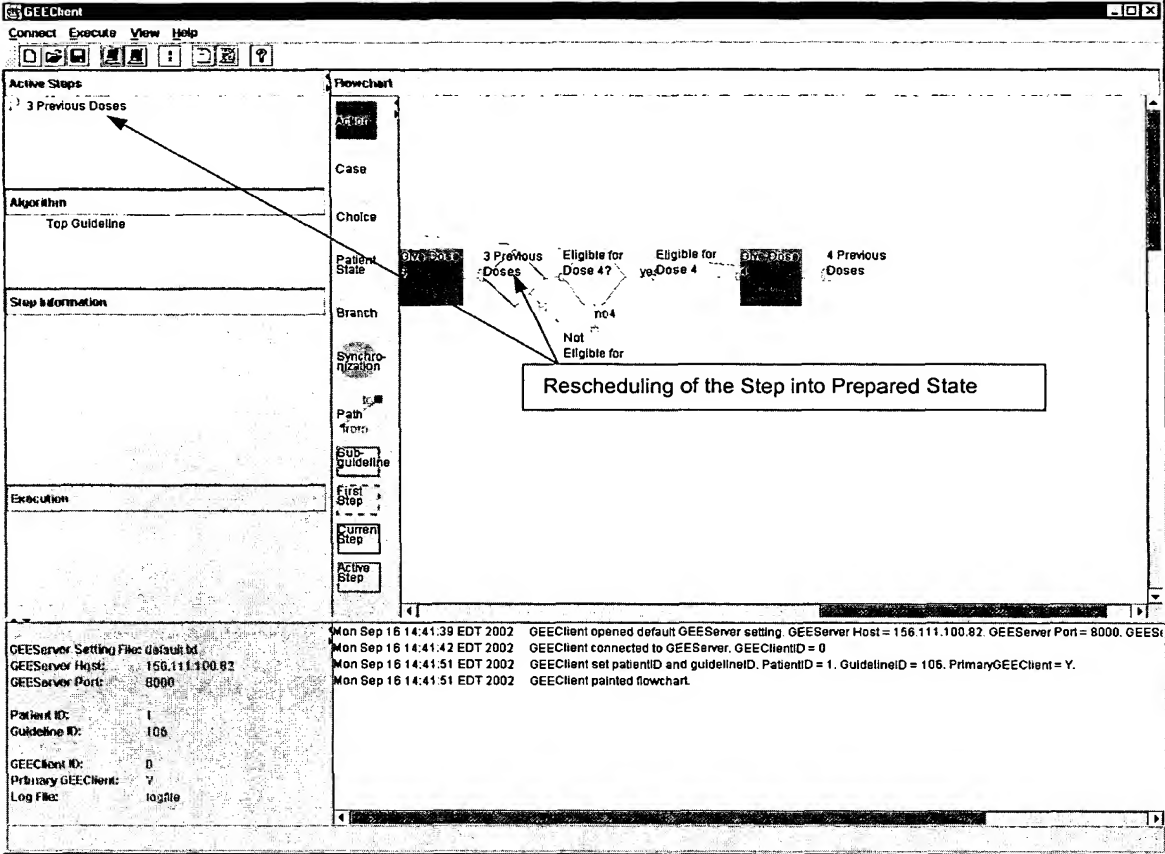


Fig. 21

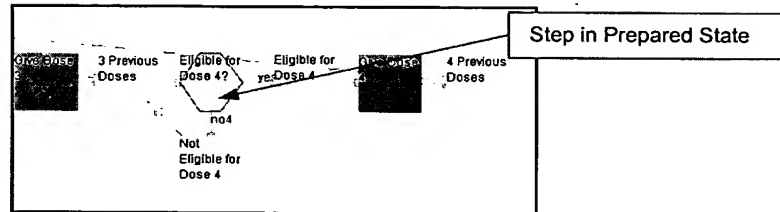


Fig. 22

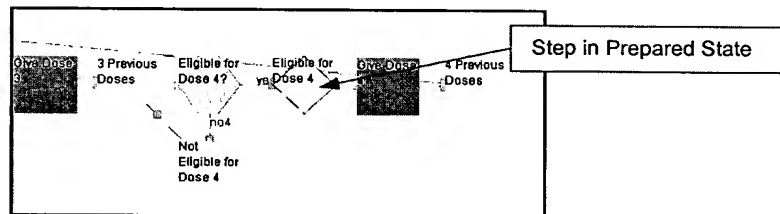


Fig. 23

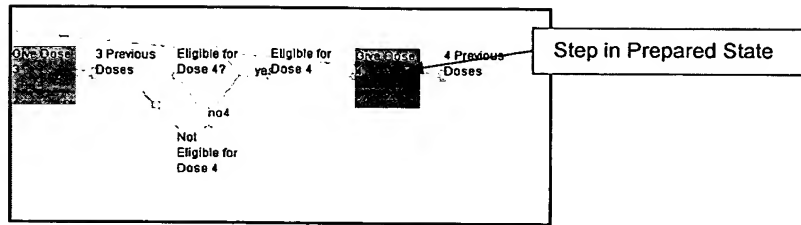


Fig. 24

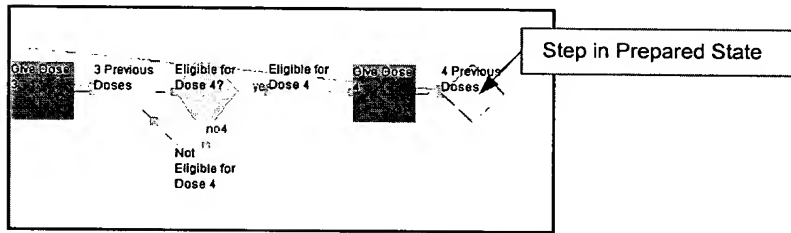


Fig. 25

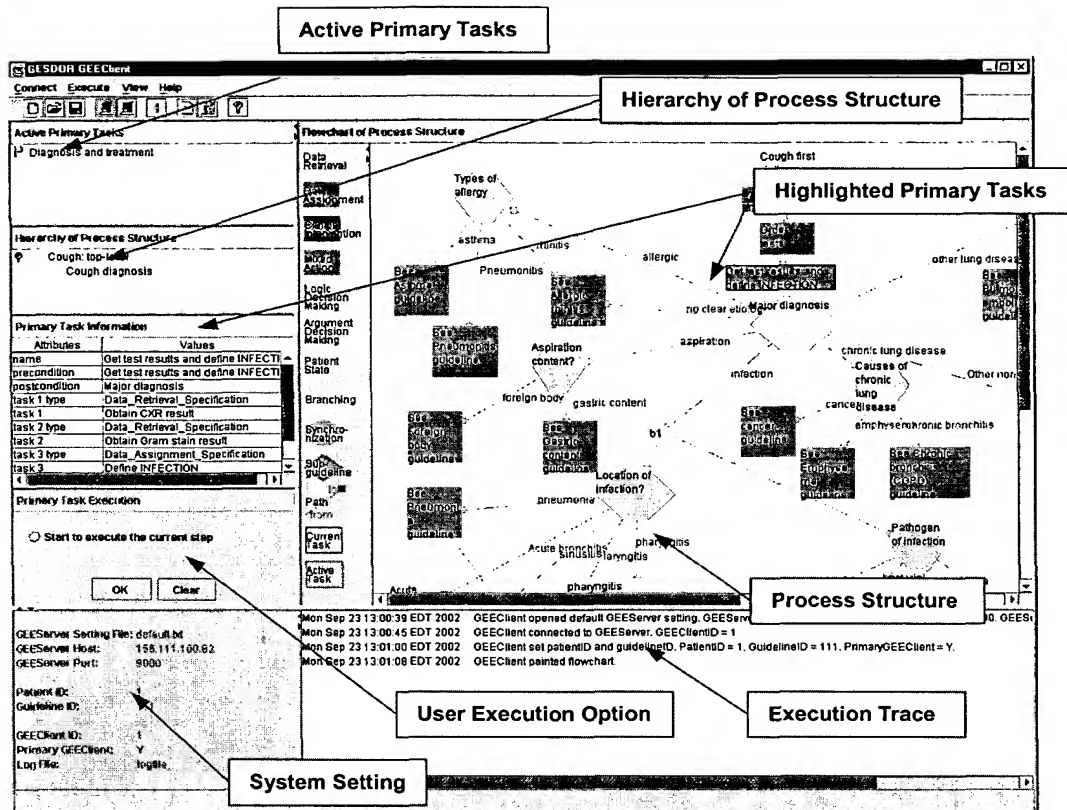


Fig. 27

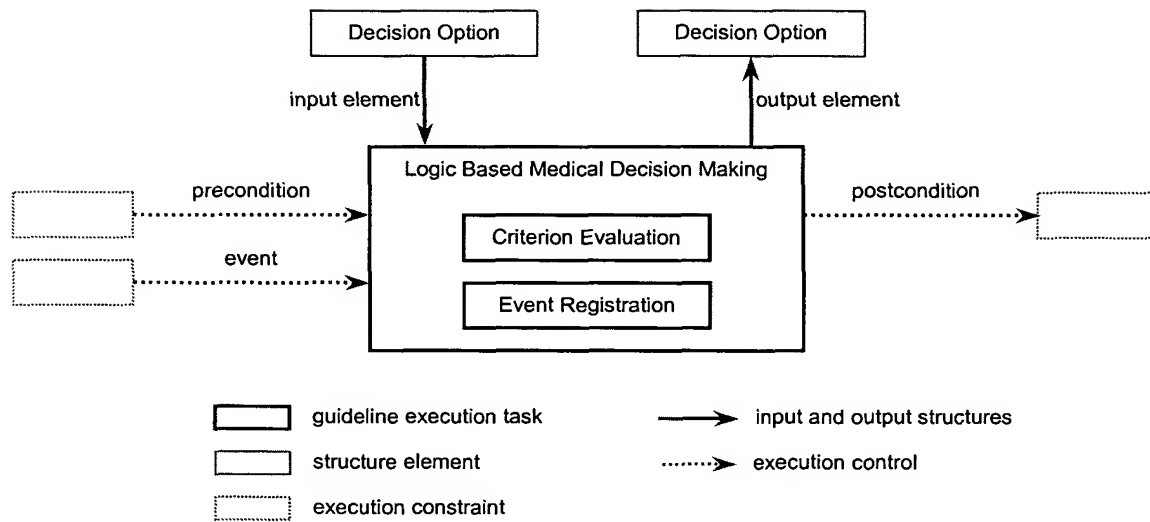


Fig. 28

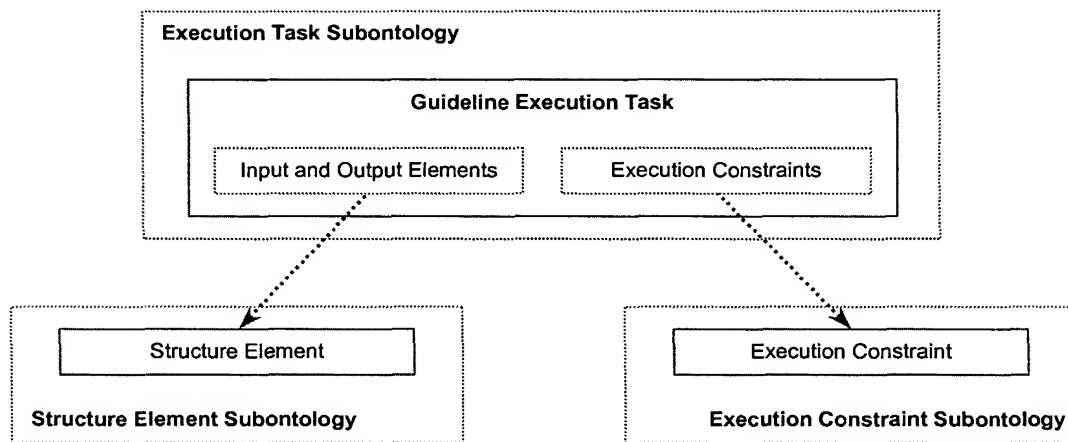


Fig. 29

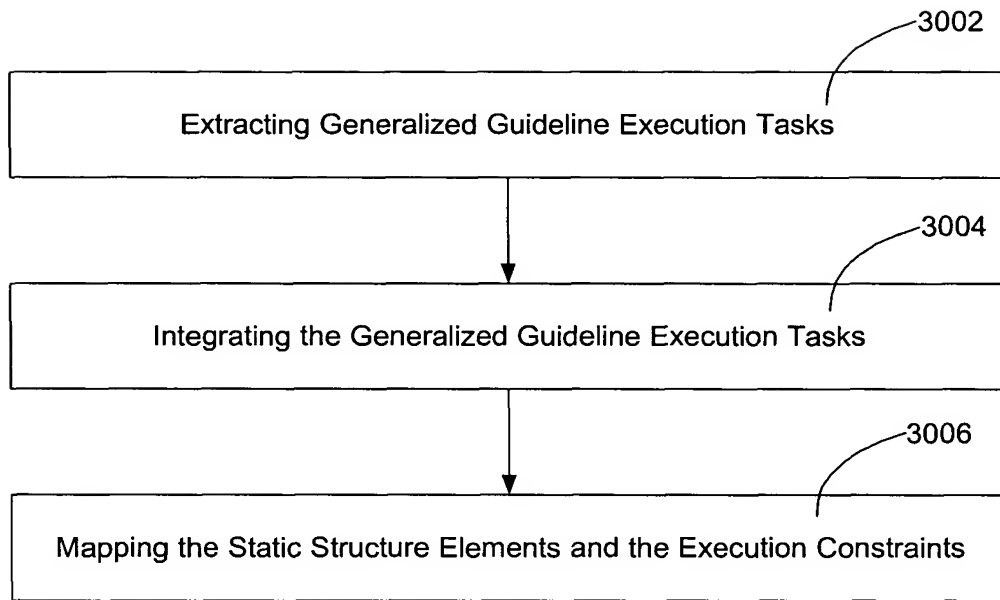


Fig. 30

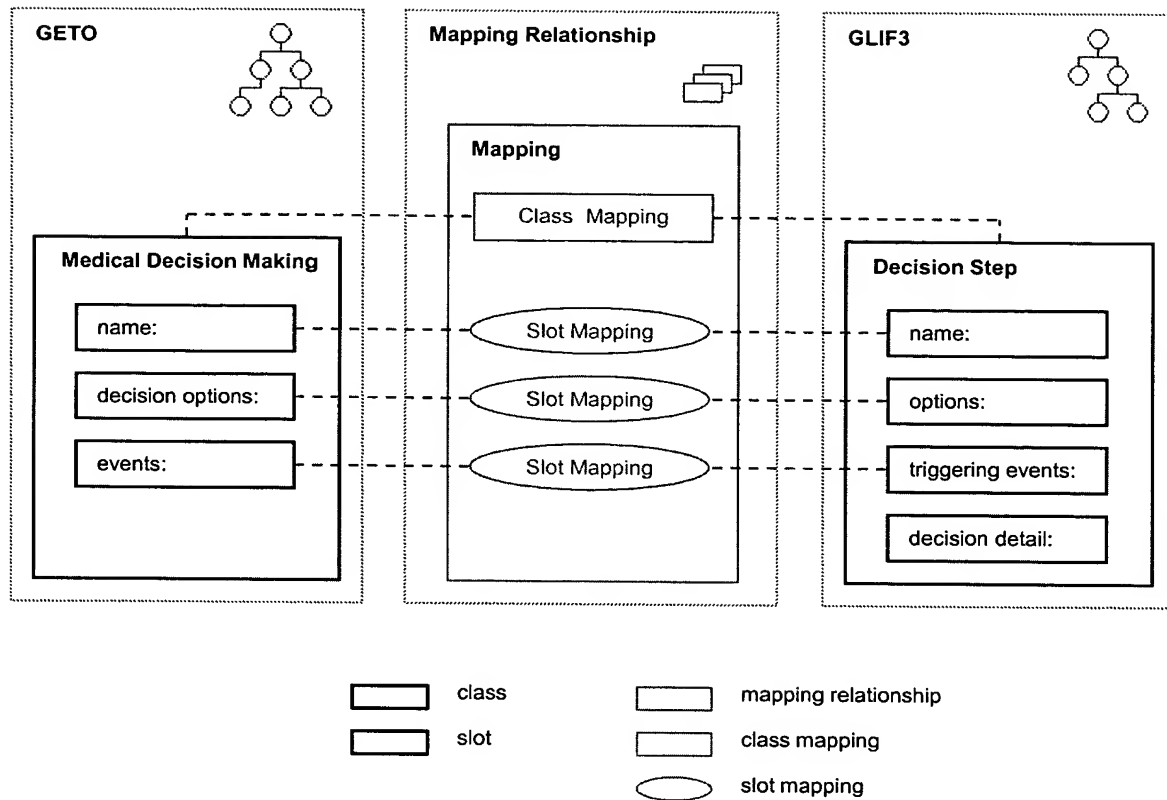


Fig. 31

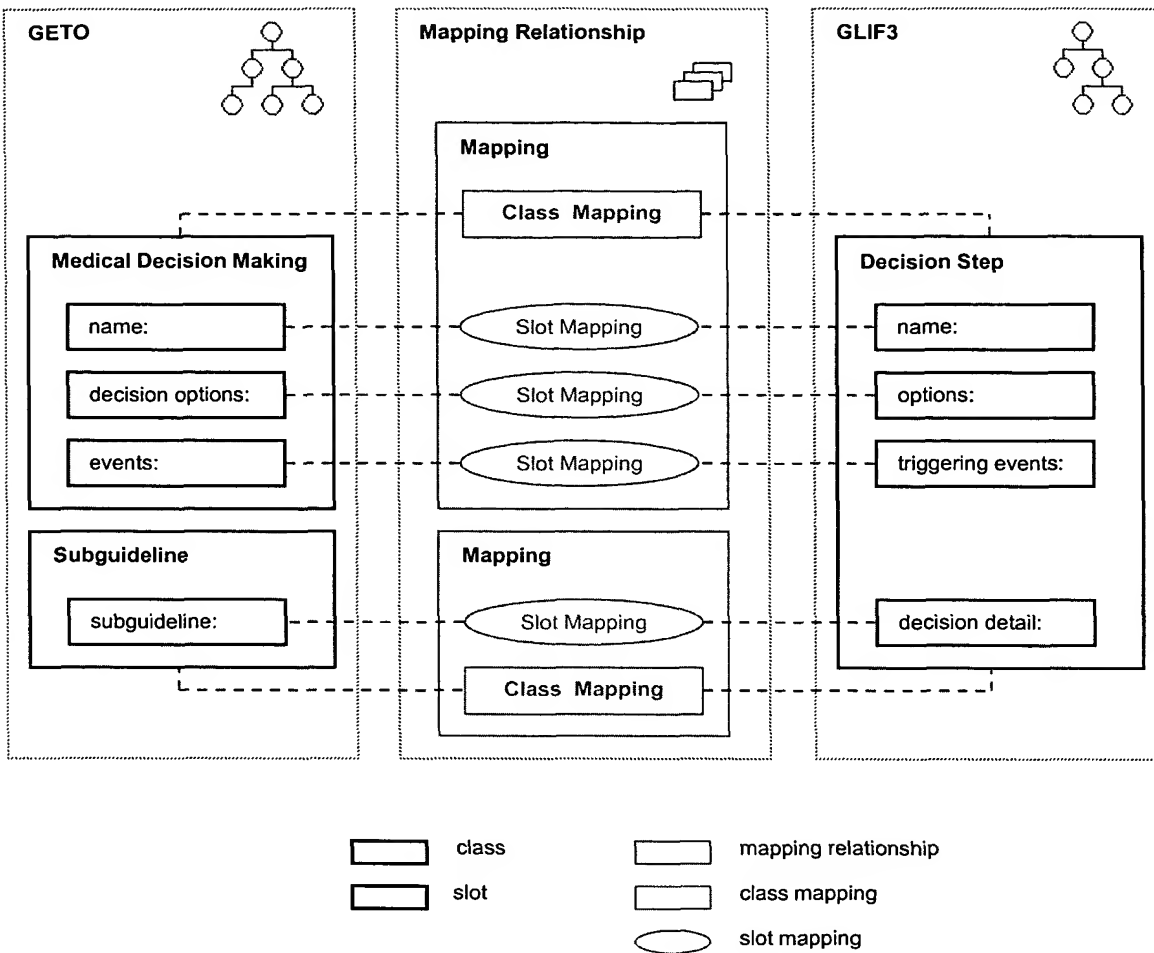


Fig. 32

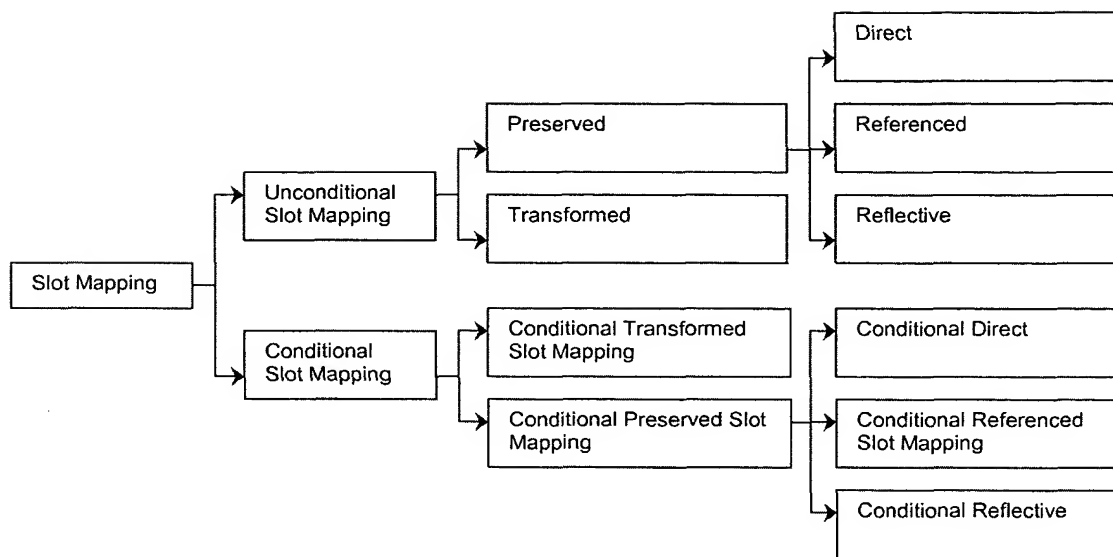


Fig. 33

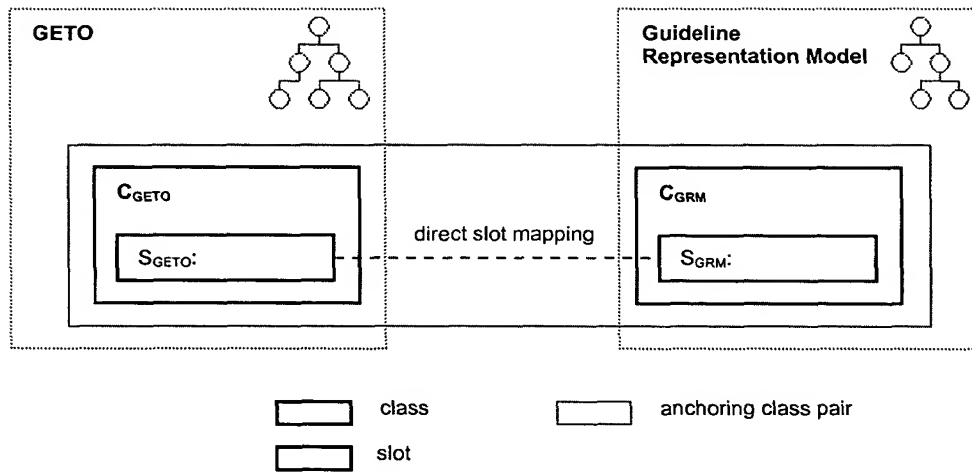


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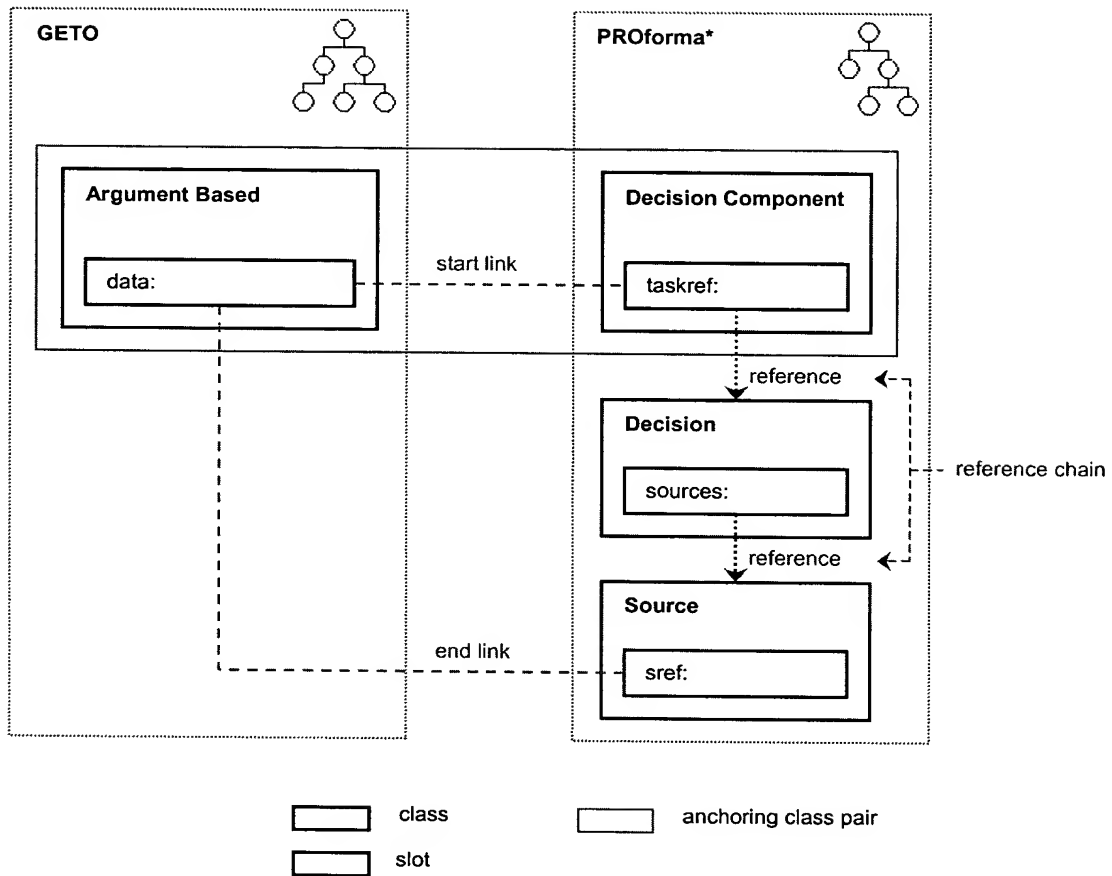


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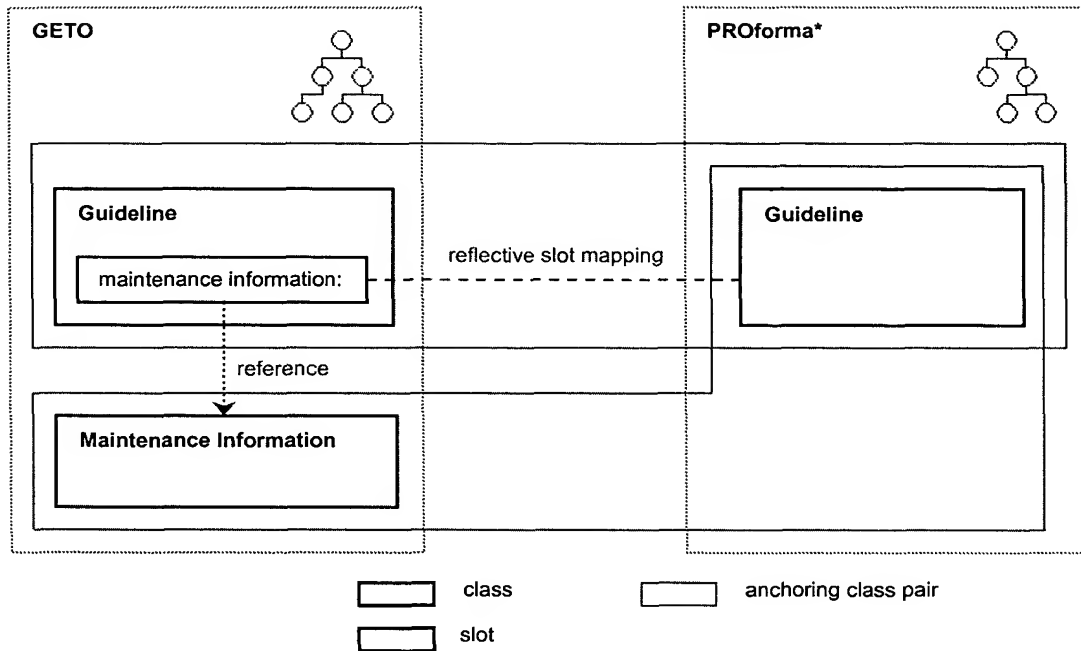


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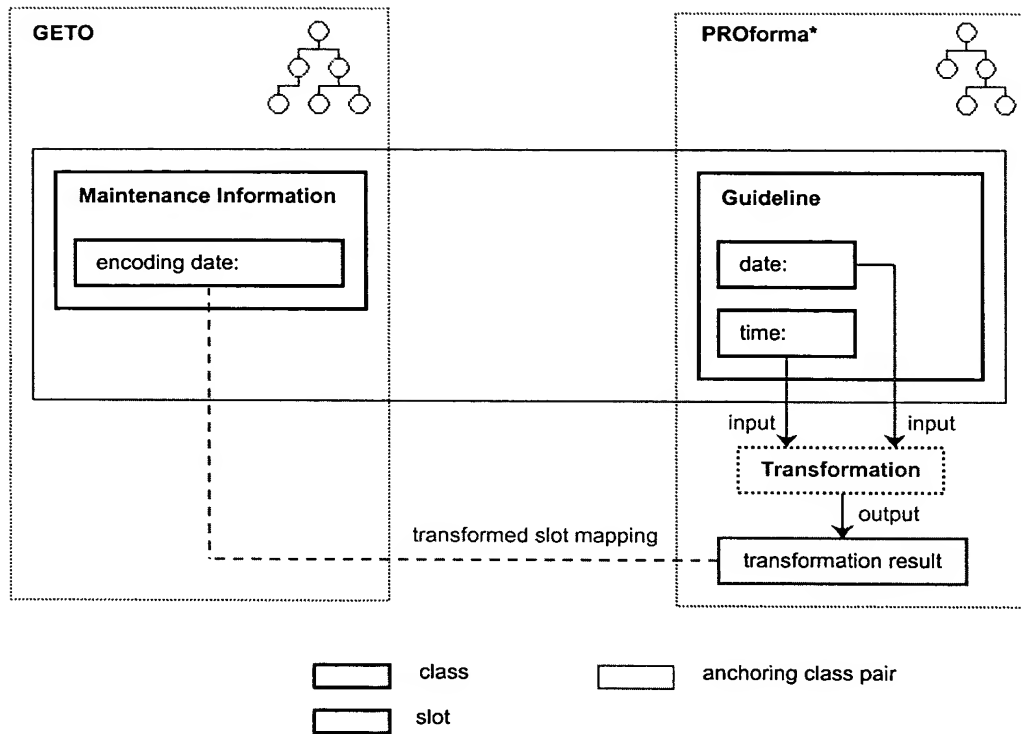


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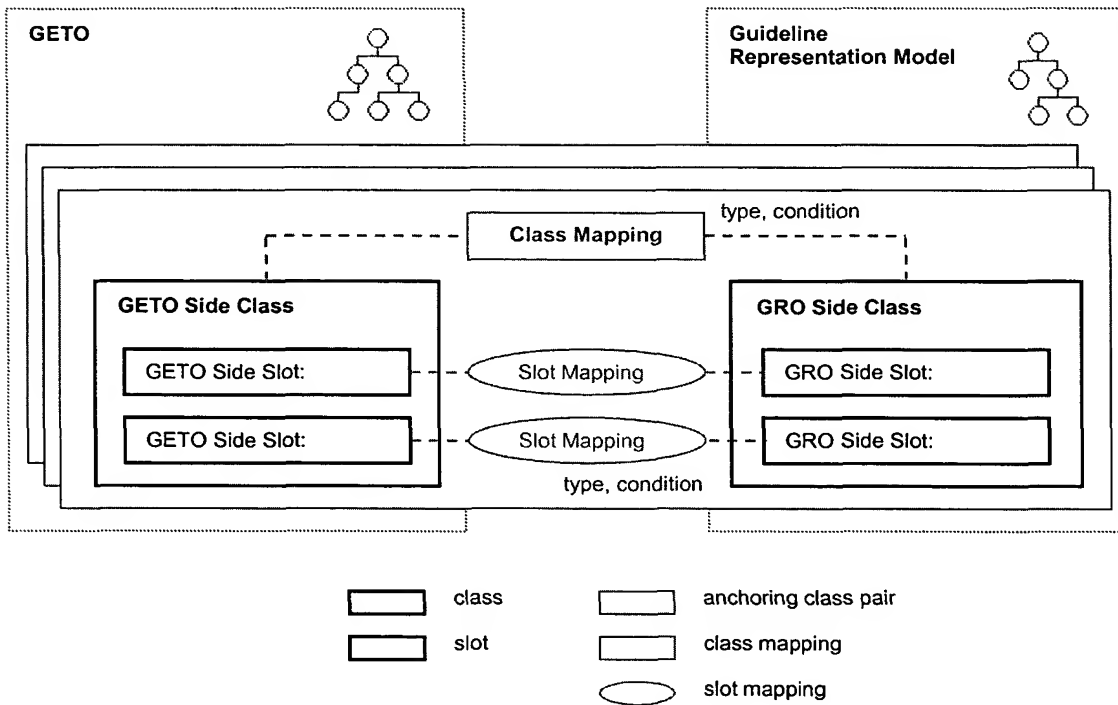


Fig. 38

GESDDA Ontology Mapping Editor

File Edit Help

GETO Classes

- Diagram_Entity
- GETO [A]
- Guideline_Execution_Task [A]
- Guideline_Structure [A]
- Guideline
- Primary_Task_Definition [A]
- Data_Definition
- Clinical_Intervention_Definition
- Decision_Option
- Criterion

GETO Slots

Name	Type	Cardinality	Allowed Classes or Values
S data	Instance	Multiple	classes = (Data_Definition,)
S didactics	Instance	Multiple	classes = (Didactics,)
S eligibility_criteria	Instance	Multiple	classes = (Criterion,)
S maintenance_information	Instance	Single	classes = (Maintenance_Information,)
S name	String	Single	
S primary_guideline	Boolean	Single	

Guideline Representation Model Classes

- Guideline_Model_Entity [A]
- Action_Specification
- Algorithm [M]
- Data_Item
- Decision_Condition
- Event
- Guideline_Expression
- Guideline_Step [A]
- Nestable
- Guideline

Guideline Representation Model Slots

Name	Type	Cardinality	Allowed Classes or Values
S algorithm	Instance	Single	classes = (Algorithm,)
S data_items	Instance	Single	classes = (Data_Item_List,)
S didactics	Instance	Multiple	classes = (Supplemental_Material_List,)
S eligibility_criteria	Instance	Multiple	classes = (Criterion,)
S exceptions	Instance	Multiple	classes = (Guideline_Exception,)
S intention	String	Single	

A Potential Anchoring Class Pair

GETO Class	Guideline Model Class
Guideline	Guideline

Include into List

Class Mapping

GETO Class	Guideline Model Class	Class Mapping Condition	Mapping Type
Guideline	Guideline		Unconditional

Clear

List of Anchoring Class Pairs

GETO Class	Guideline Model Class
Data_Collection_Scheduling_Con	Action_Step
Data_Definition	Data_Item
Decision_Connector	Decision_Destinations
Decision_Option	Decision_Option
Didactics	Supplemental_Material_List
Event_Definition	Event
Follow_Up_Connector	Next_Step
Guideline	Guideline

Exclude from List

Slot Mappings

GETO Slot	Guideline Model Slot Mapping	Slot Mapping Condition	Mapping Type
S data	data_items.entry_array		Referenced
S didactics	didactics		Direct
S eligibility_criteria	eligibility_criteria		Direct
S maintenance_information	maintenance_info		Direct
S name	name		Direct
S primary_guideline	primary_guideline		Direct
S primary_tasks	algorithm.steps		Referenced
S process_structure	algorithm		Direct

Clear

System Setting

Mapping Relations File: F:\Personalthesis\Thesis Work\Ontology Mapping\GETO20020511.ppr
 GETO File: F:\Personalthesis\Thesis Work\GETO20020511.ppr
 Guideline Model File: F:\Personalthesis\Thesis Work\GuidelineNew.ppr

Log Information

Tue May 28 23:21:44 EDT 2002 Start to open GETO file: F:\Personalthesis\Thesis Work\GETO20020511.ppr
 Tue May 28 23:21:48 EDT 2002 Finish opening GETO file: F:\Personalthesis\Thesis Work\GETO20020511.ppr
 Tue May 28 23:21:48 EDT 2002 Start to open guideline model file: F:\Personalthesis\Thesis Work\GuidelineNew.ppr
 Tue May 28 23:21:49 EDT 2002 Finish opening guideline model file: F:\Personalthesis\Thesis Work\GuidelineNew.ppr

Fig. 39

Overview of the GESDOR Model

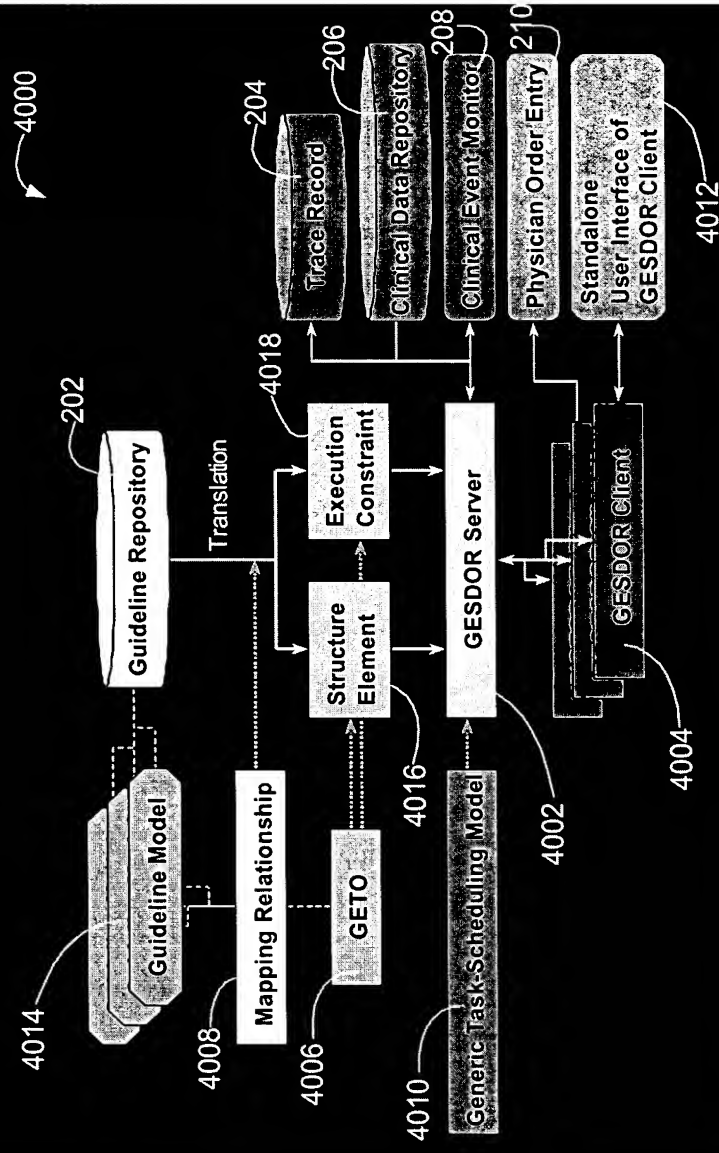


Fig. 40

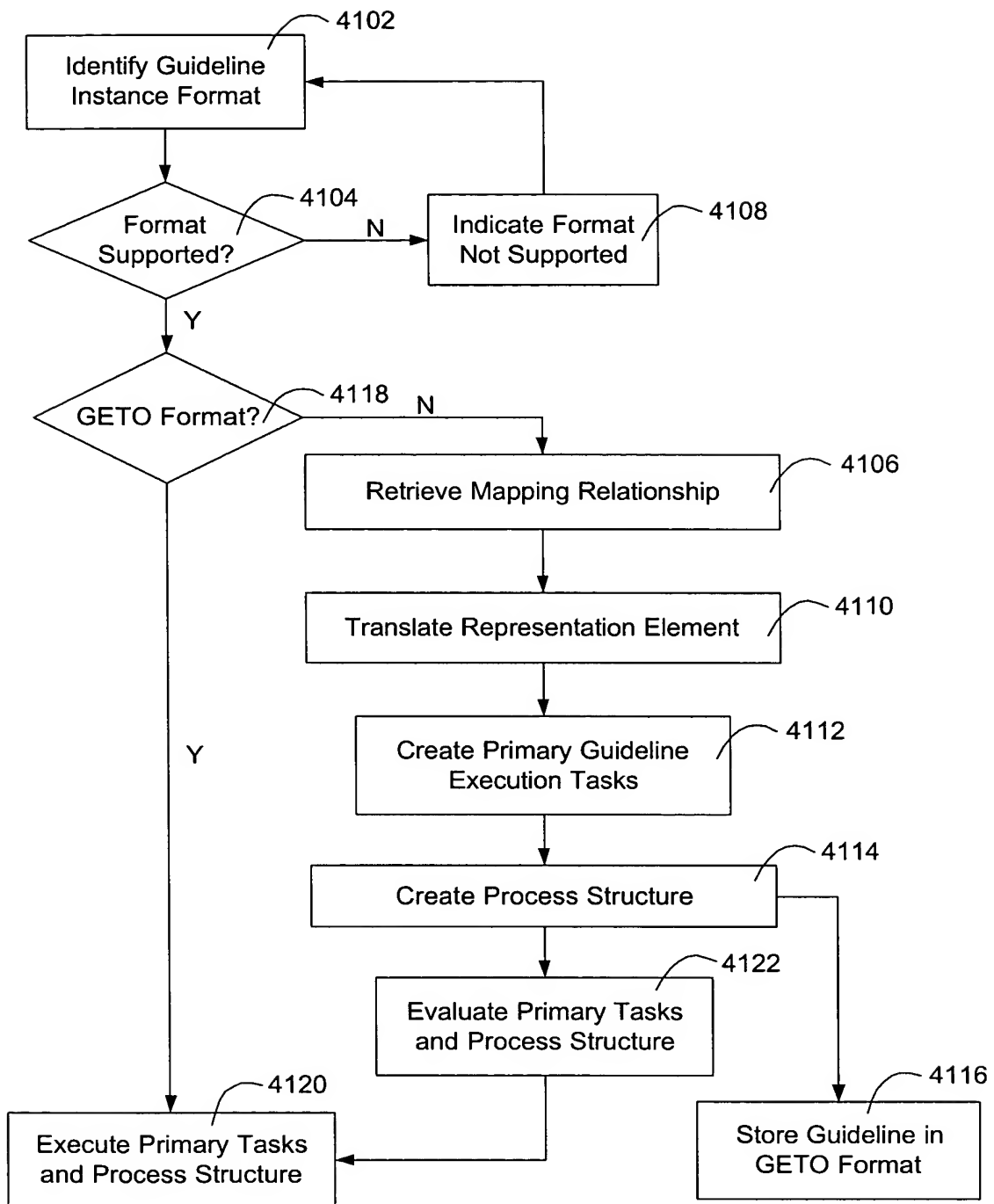


Fig. 41

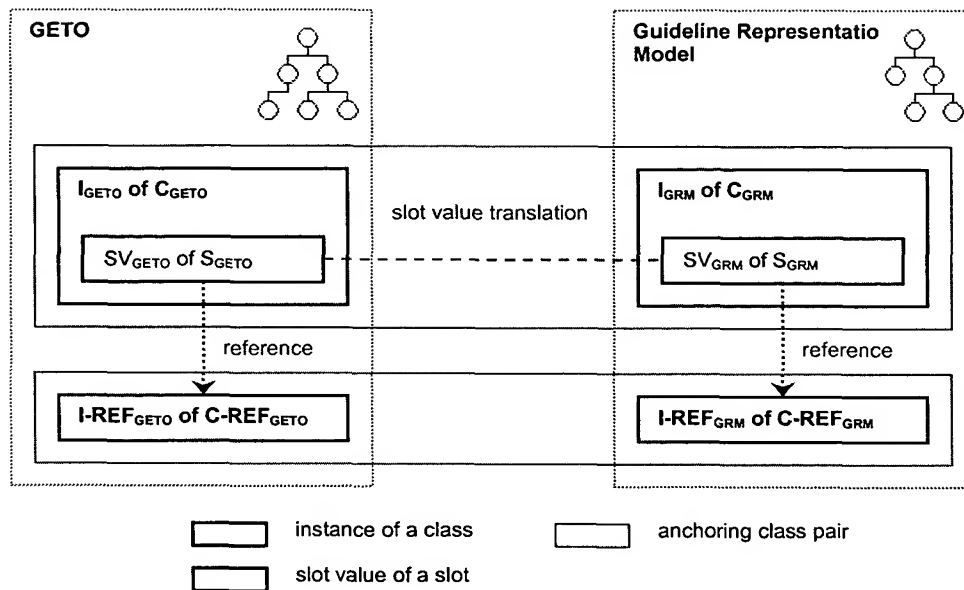


Fig. 42

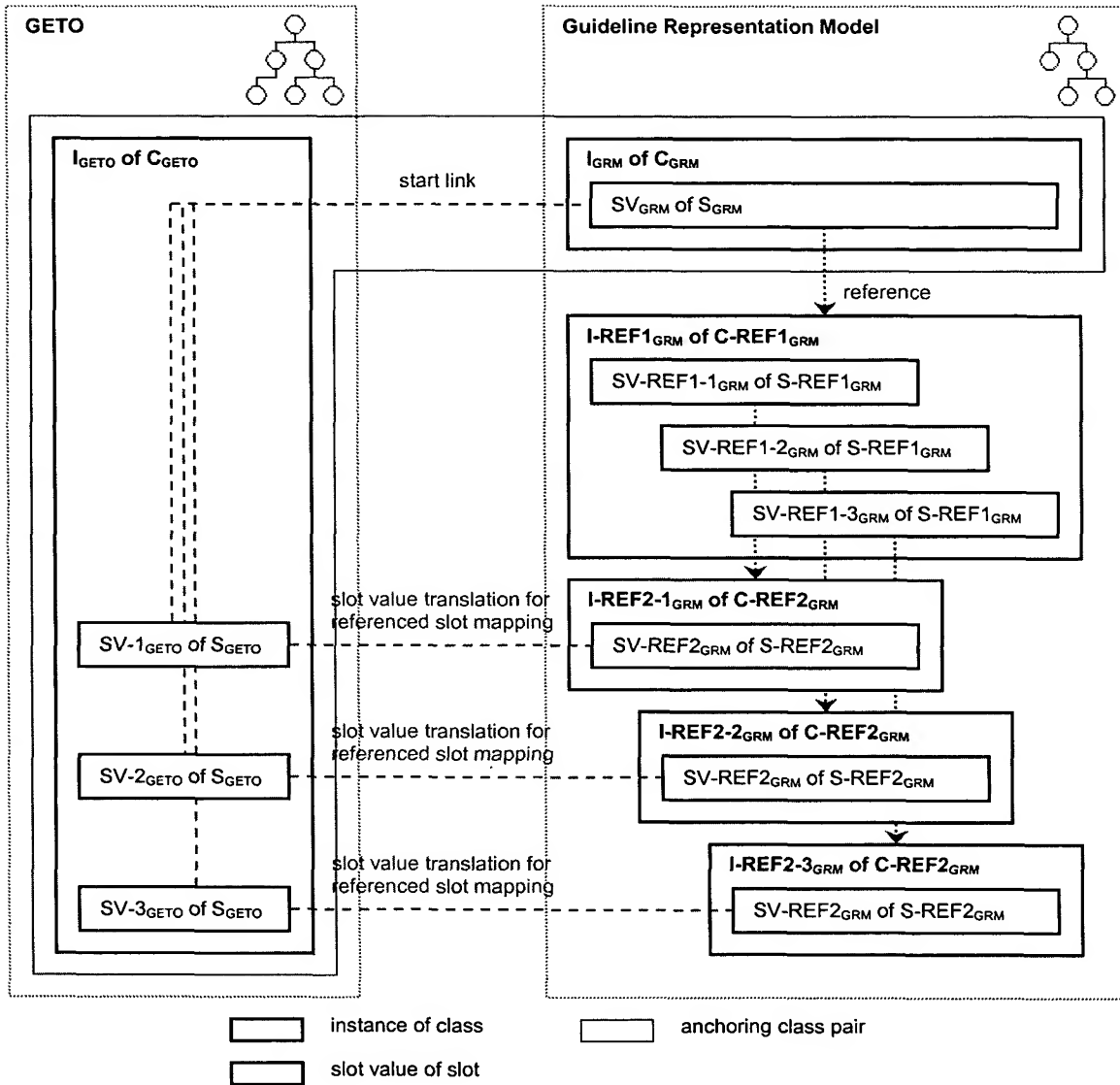


Fig. 43

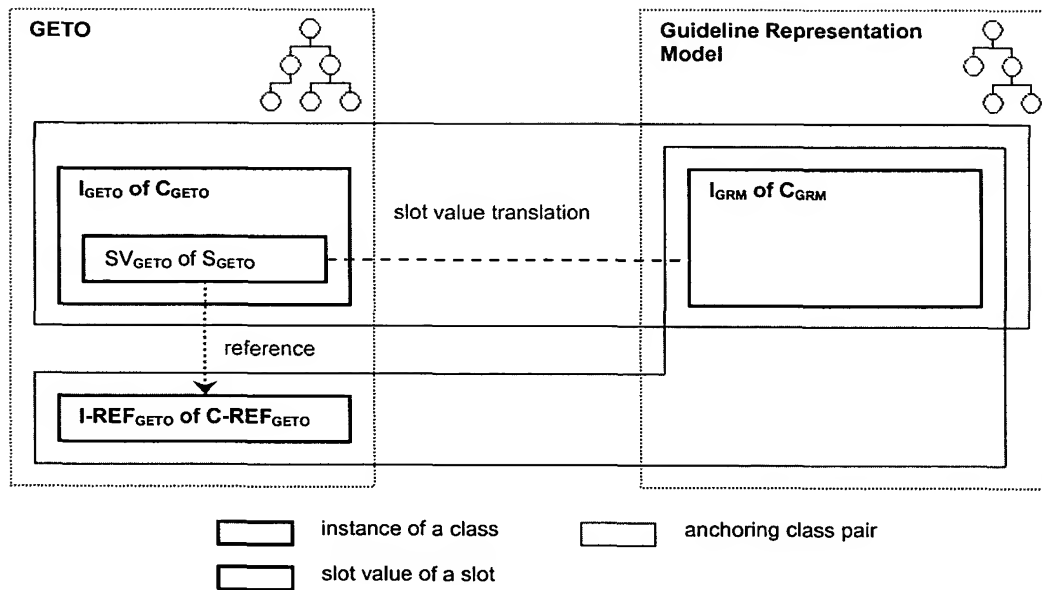


Fig. 44

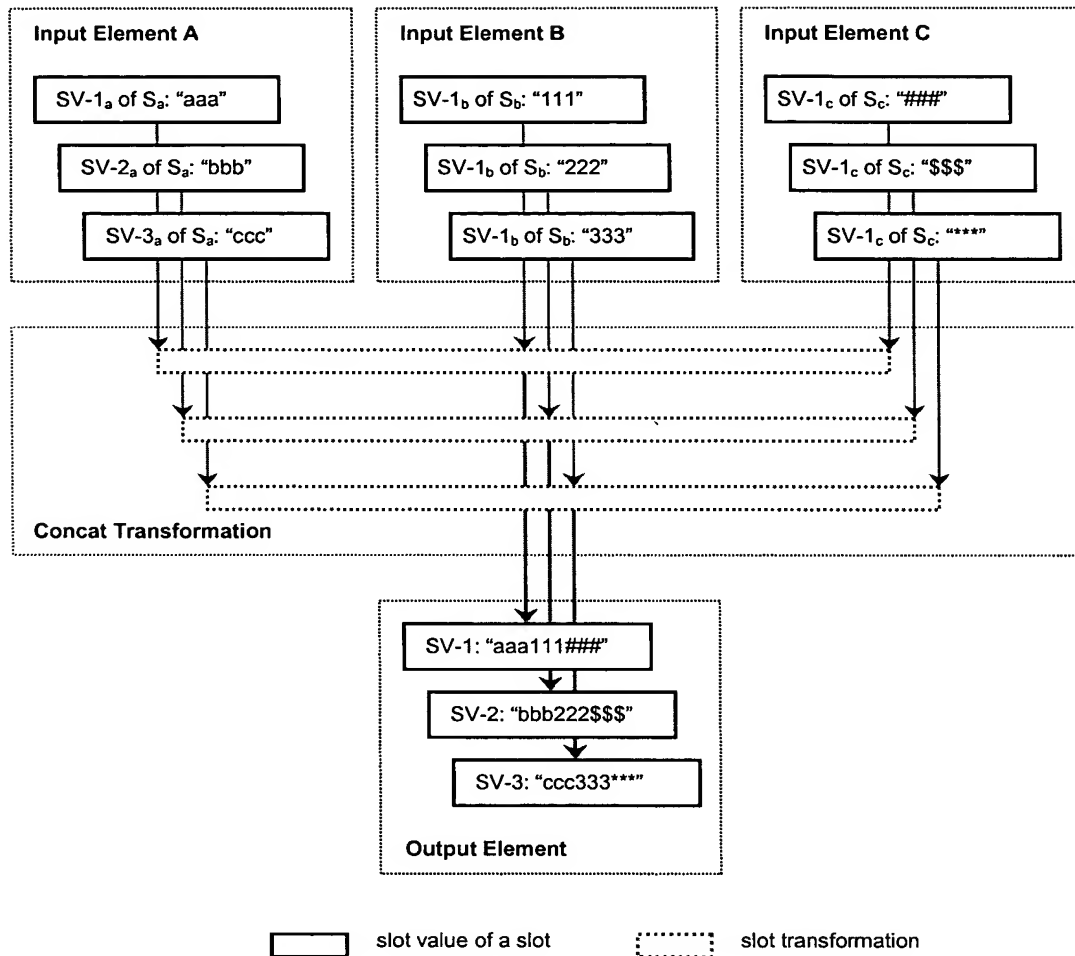


Fig. 45

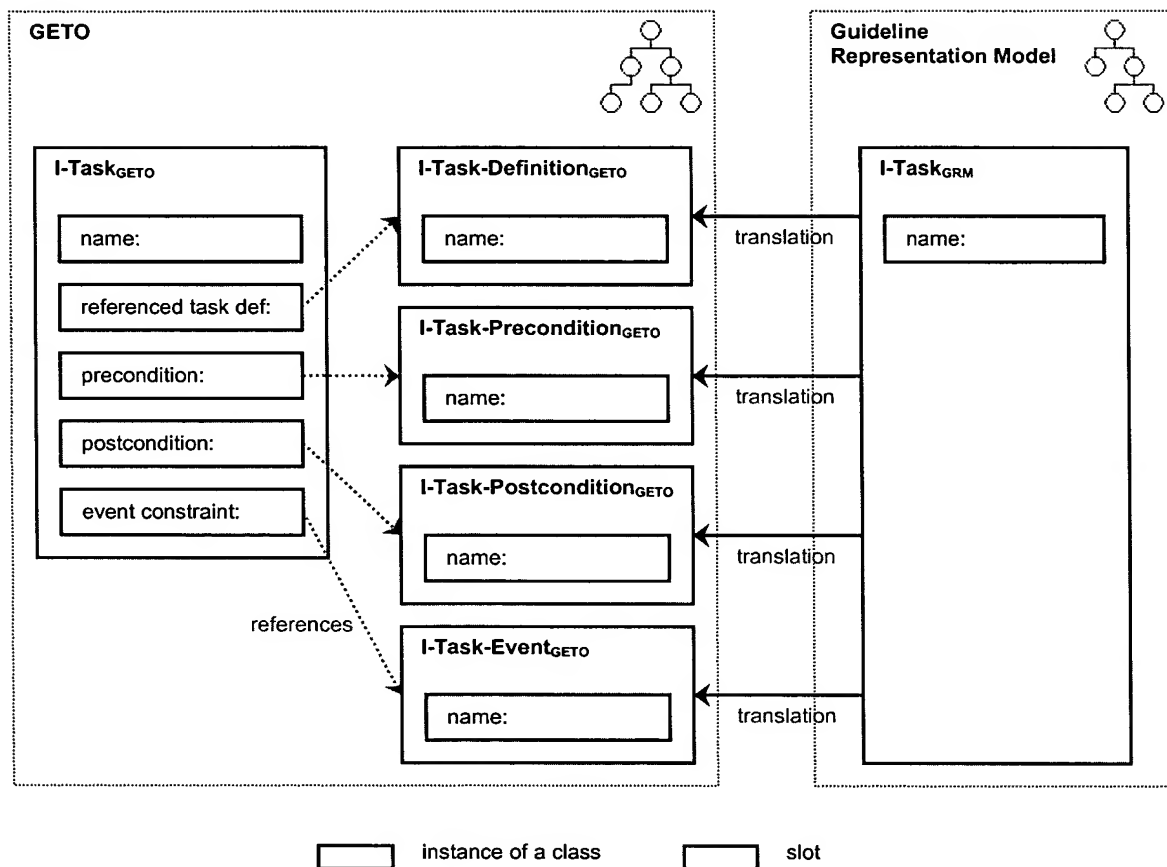


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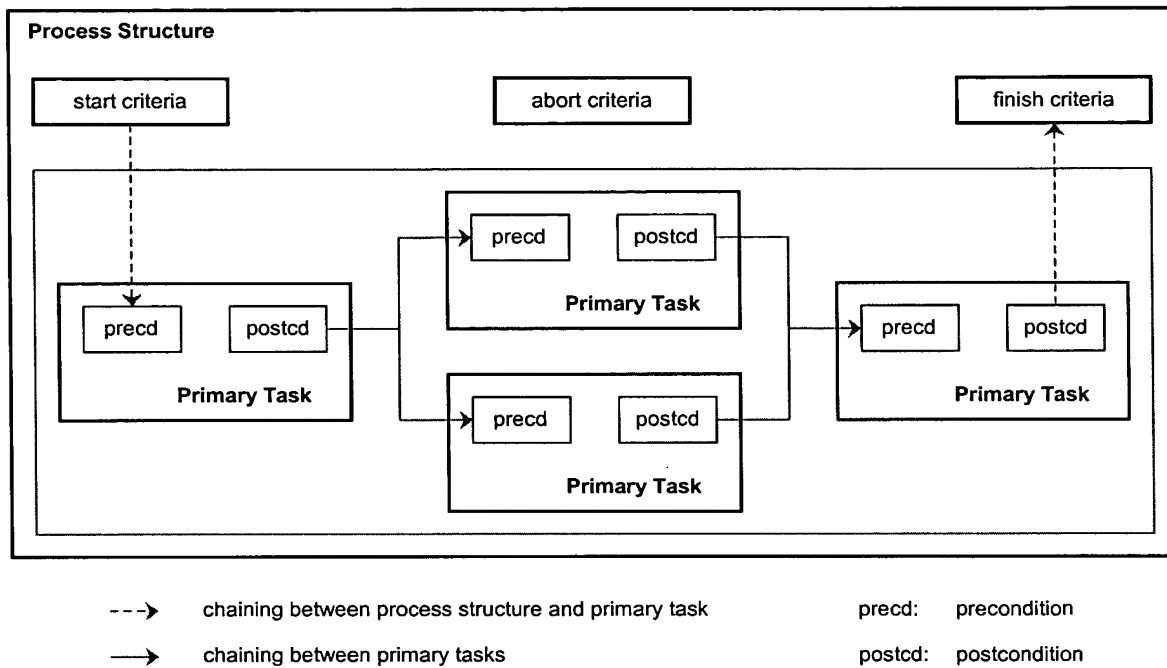


Fig. 47

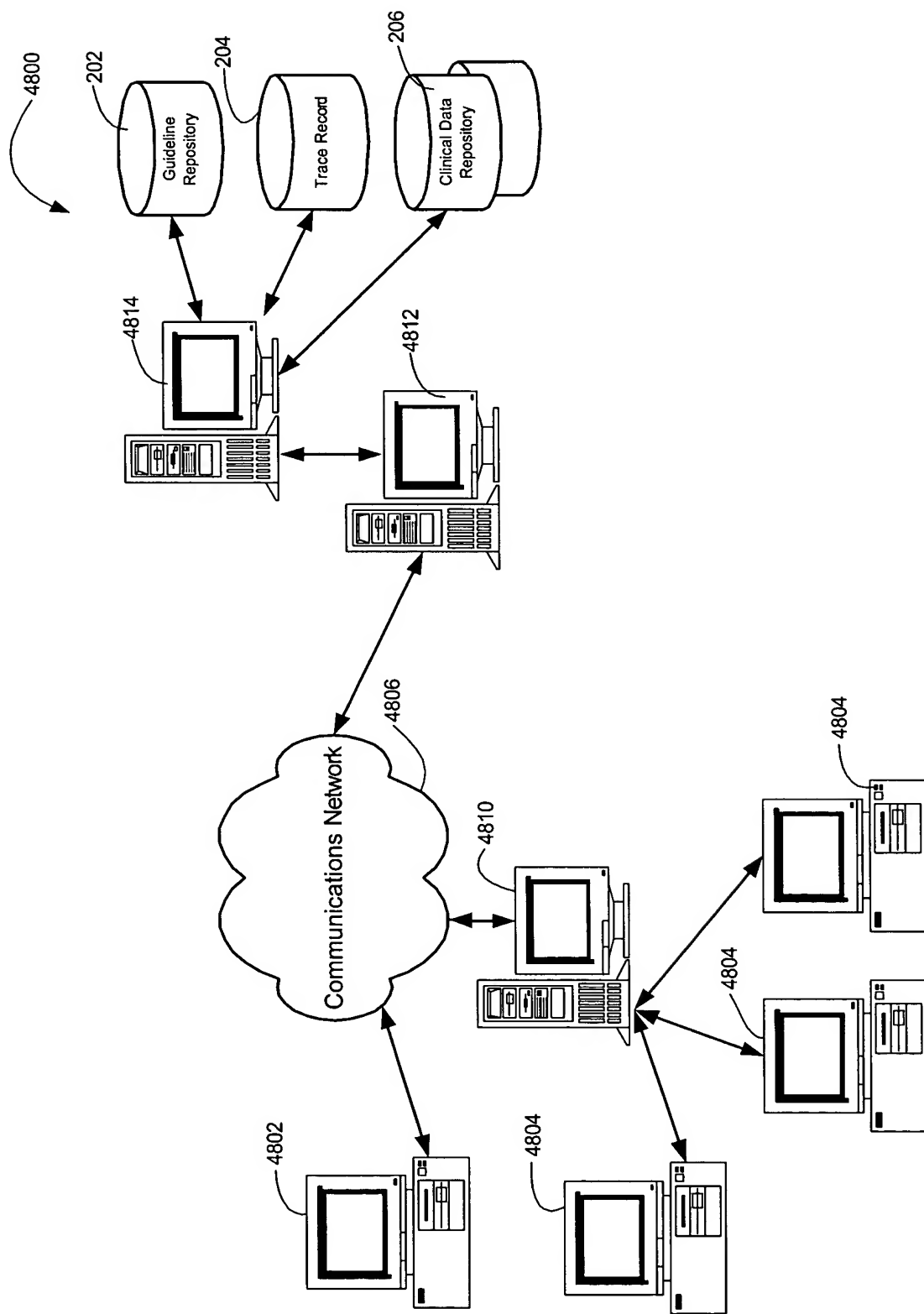


Fig. 48